

TAMZID KHANDOKER

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EDUCATION

University of St Andrews

Sep 2021 - June 2025

MSci Computer Science (Hons), Expected Grade: Upper Second Class

Relevant Coursework: Dissertation: Tax Policy Modeller, Information Visualisation, Critical Systems Engineering

EXPERIENCE

PwC UK

July 2024

Risk Intern, Financial Services (BRC)

- Contributed to Banking Prudential team engagements with a global systemically important bank, utilising Dataiku and Microsoft Power BI to develop dataflows.
- Supported client meetings, including on-site work dealing with and gaining an understanding of Basel III/IV, Pillar 2 regulations.
- Regularly presented and communicated progress and findings to senior staff and developed strong interpersonal and presentation skills doing so.
- Received very positive feedback at end of internship from Senior Managers and Directors worked with for both presentations and wider work and secured a return offer.

NCR Corporation

May 2023 - August 2023

Software Engineer Intern

- Co-developed NCRReady with another intern, aimed at automating new company machine setup.
- Designed a .NET desktop app for template selection, including applications, GitHub repositories, environment variables, and system registry edits.
- Led developer surveys to define app requirements, resulting in a tailored development plan.
- Integrated Firestore database on Firebase for seamless communication between web and desktop apps.
- Presented the business case and technical merits to senior staff, gaining approval for deployment.
- Final product deployed to 500+ users resulting in a 97.5% reduction of setup time and a cumulative 20,000 hours saved in the office.

Avrok Biosciences

June 2022 - July 2022

Bioinformatics and Laboratory Intern

- Liaised with the bioinformatics team of a CAP and CLIA certified medical laboratory to automate part of the company's product pipeline.
- Wrote a bash script automating the uploading of sensitive medical data from a local server to AWS.
- Followed strict clinical standards to make sure that the data was safe and secure throughout the transfer process in compliance with CAP and CLIA requirements.
- Use of the script daily saves the company 2 hours of developer time each occasion, leading to a 25% increase in available developer time.

PROJECTS

Federated Puzzle Solving Website

Junior Honours Group Project

- Led a team of five to develop a puzzle-solving platform using Scrum, integrating Vue.js and Python.
- Took a leading role in ensuring seamless cross-group integration, delivering a user-friendly, collaborative platform.
- Led project management efforts by introducing use of a Gantt chart and then Trello for easier task distribution and management.

EXTRACURRICULARS

President, St Andrews Computing Society

May 2024 - May 2025

- Organised guest lectures and networking events, boosting industry exposure for members.

Committee Member, Ballroom and Latin Dancing Society

May 2023 - May 2024

- Gathered feedback from society members on committee operations and presented findings to the committee, leading to actionable improvements in society management and member engagement.

Class Representative, School of Computer Science

Sep 2022 - May 2024

- Liaised between students and faculty, synthesising feedback and driving course improvements at SSCC meetings.
- Successfully advocated for course adjustments based on student feedback, leading to improved student satisfaction the following year.

SKILLS

Programming Languages: Java, Python, Javascript, Typescript, C#, C, Haskell, Prolog

Technologies: Node.js, Vue.js, Angular, React, FastAPI, MySQL, MariaDB, Firebase